



# FEMA



Prepared by  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Thursday, June 13, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- **Slight risk of severe storms this afternoon over NE NM and the OK/TX Panhandles; damaging winds and hail are the main threats.**
- **Isolated heavy rain / flash flooding possible over the OK/TX Panhandles later today.**

## Friday - Saturday

- **Slight risk of severe storms each day over the OK/TX Panhandles and into W OK on Saturday; damaging winds and large hail are the main threats.**

## Sunday - Monday

- **Heavy rain/flooding possible across E OK, NETX & AR.**

## Major River Flooding or Known Evacuations

- **All points on the Arkansas River have crested and continue to fall.**
- **The Mississippi River is slowly rising and will crest next week.**

## Tropical Weather Outlook

- **Tropical cyclone formation is not expected during the next 5 days.**

# FEMA Region 6 Threat Matrix

June 13, 2019 – Jun 17, 2019



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	NE NM, OK/TX Panhandles	OK/TX Panhandles	OK/TX Panhandles, W OK		
	E NM, WTX	W TX, OK	OK, NW AR, WTX		
Heavy Rain / Flash Flooding	OK/TX Panhandles			E OK, NETX, AR	E OK, NETX, AR
Fire Weather		NM			
Tropical Weather					
River Flooding	AR, LA	AR, LA	AR, LA	AR, LA	AR, LA
	TX	TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

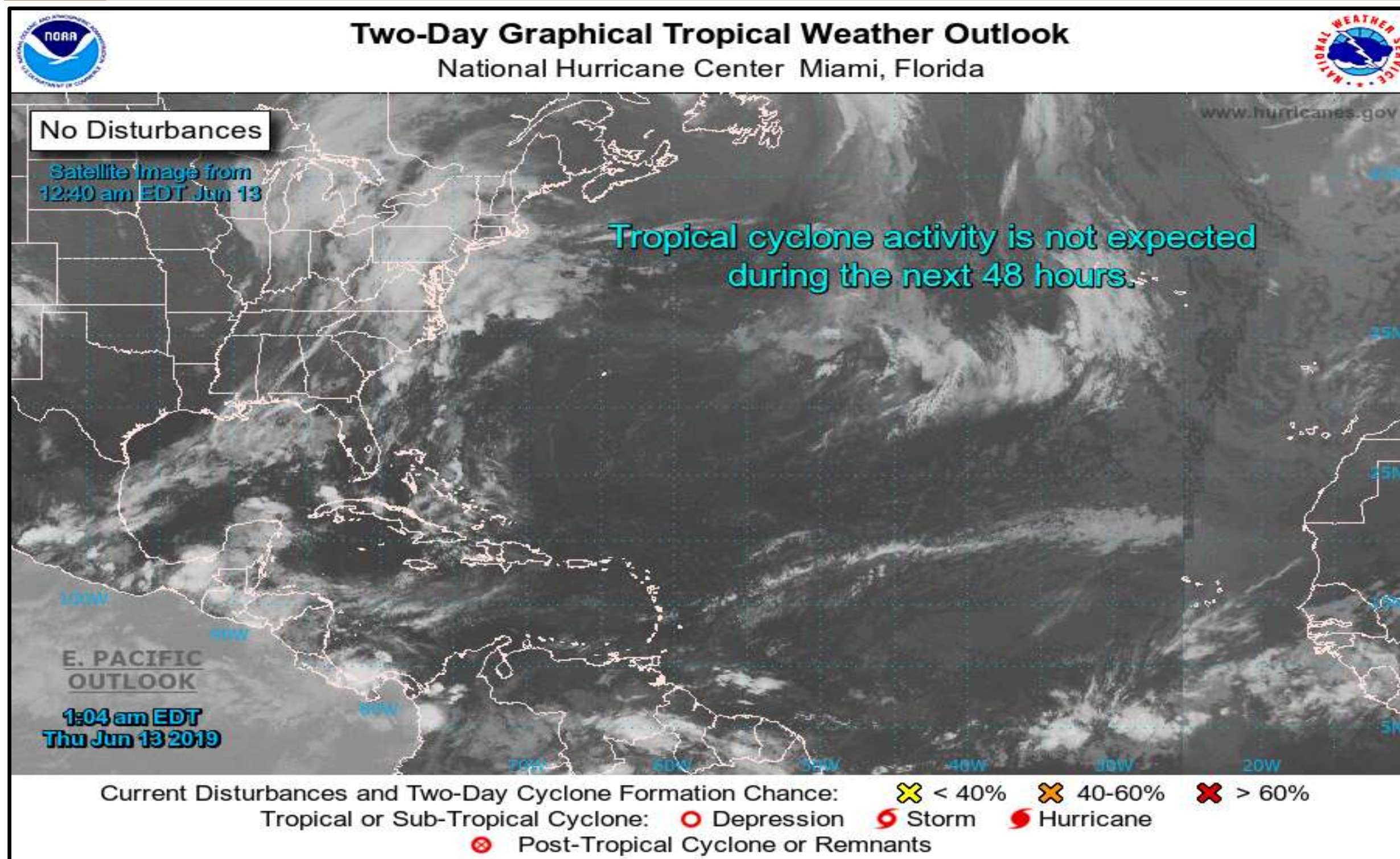
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



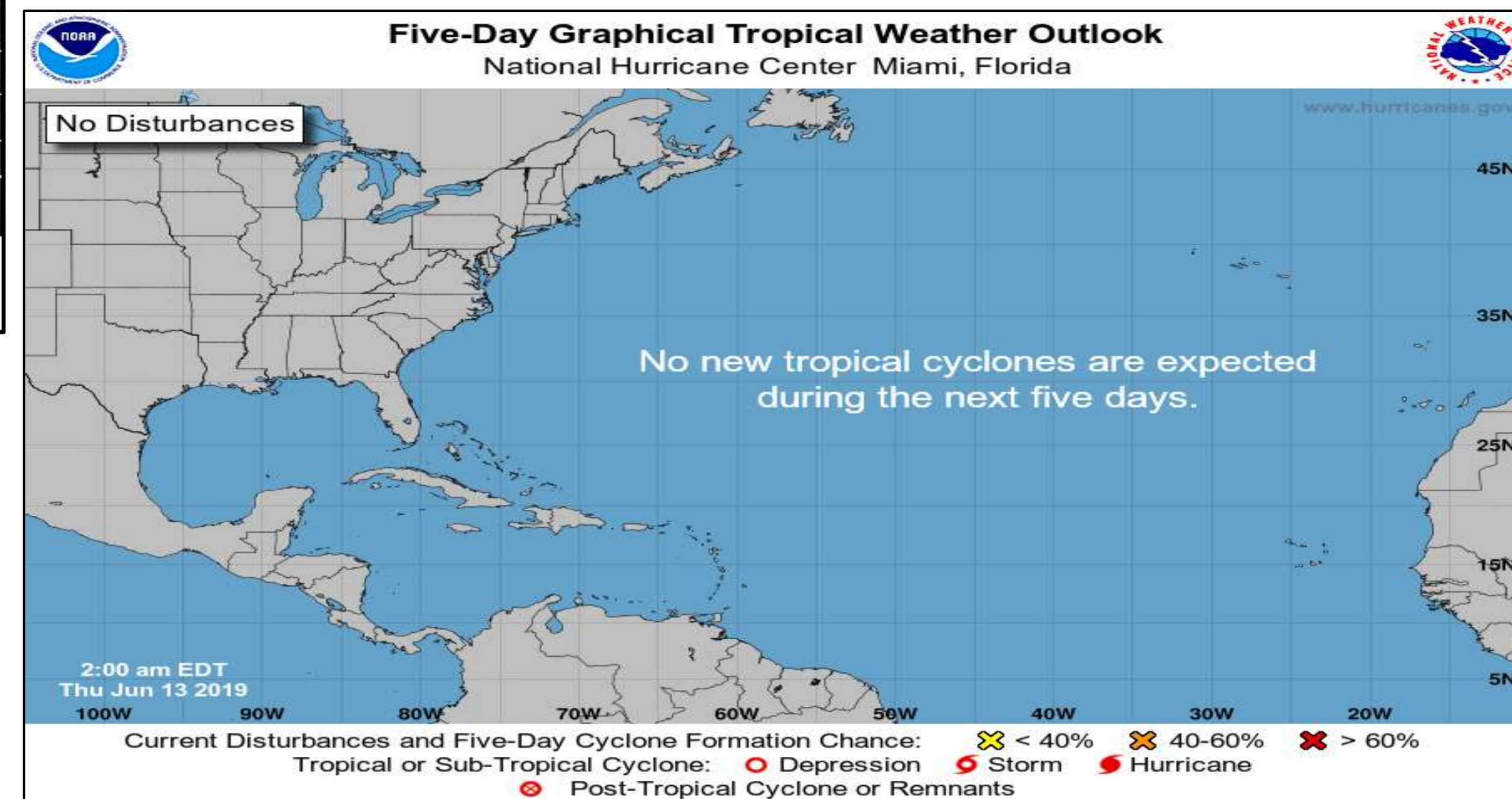
# Tropical Weather Outlook – Atlantic/Gulf



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**Tropical cyclone formation is not expected during the next 5 days.**



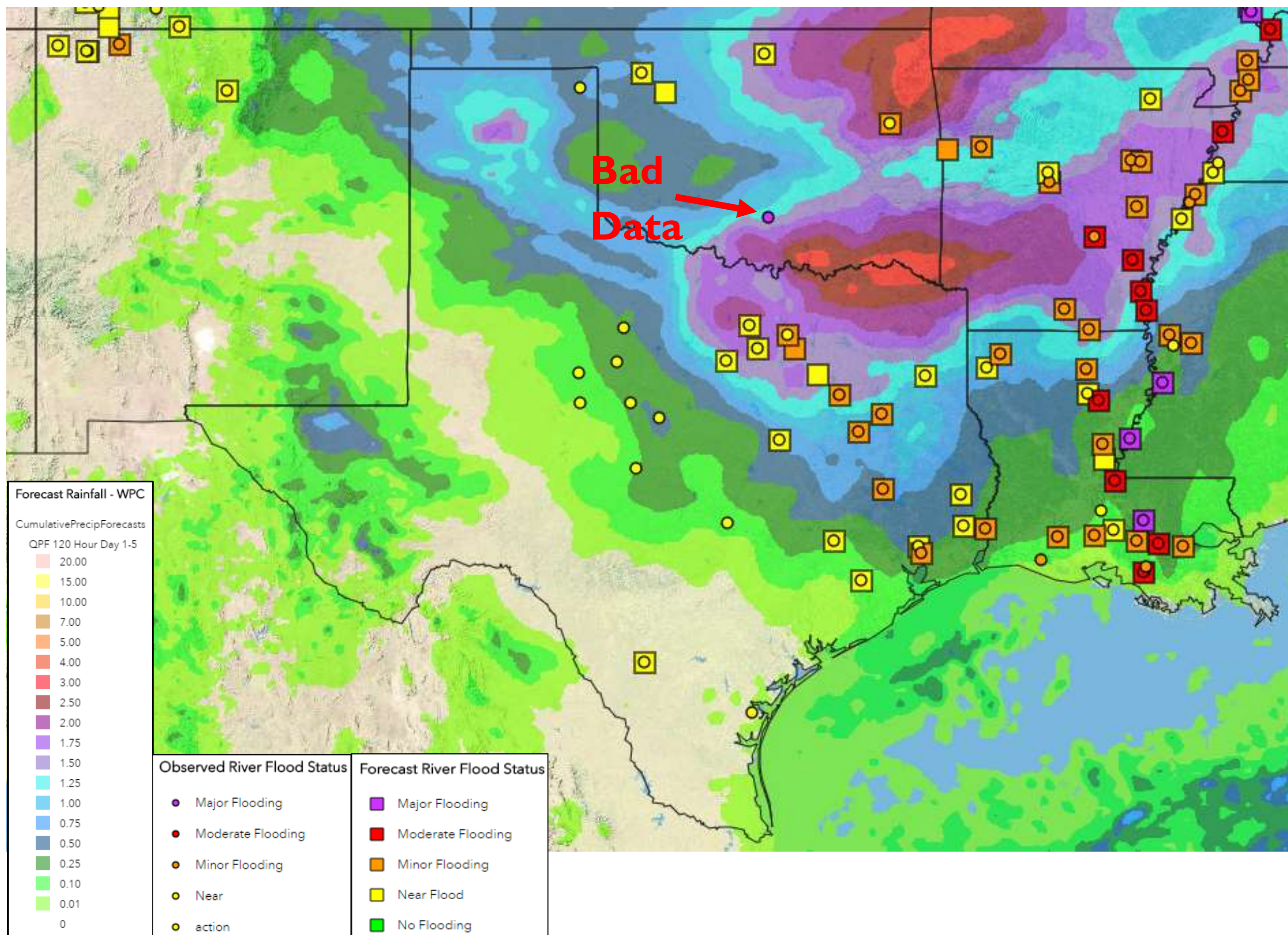


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**All points on the Arkansas River have crested and continue to slowly fall. The point near Pendleton is the only area still in moderate flood, and should drop into minor flood by early Friday. See next slide for details on the AR River.**

**\*\*Note: additional rain expected over this area Sunday/Monday, could see new flooding\*\***

**The Mississippi River will continue a slow rise into next week.**

- At Osceola, the river will continue rising in moderate flood and is expected to crest this weekend. Many roads are impacted, barge loading has stopped, and impacts to the power plant south of Osceola is possible.**
- At Red River Landing, the river will slowly rise and crest this weekend, with mostly agricultural and recreational impacts.**
- Baton Rouge remains in major flood, with shipping and industrial impacts.**

**The Atchafalaya River will rise less than a foot over the next couple of weeks. Morgan City, LA will remain steady with tidal fluctuations through this current flood event.**



# Arkansas River Flooding/Latest Stages

Weather Forecast Office

Little Rock, AR

Updated June 12, 2019 9:30 PM CDT



Location	Latest Stage	Flood Stage	Status	Crest Info	Flood Category (Currently)
Van Buren	22.2 ft @ 8 PM	22.0 ft	Steady	Crested <b>R</b>	Minor
Ozark	357.9 ft @ 8 PM	357.0 ft	Steady	Crested	Minor
Dardanelle	25.6 ft @ 8 PM	32.0 ft	Steady	Crested <b>R</b>	Below Flood
Morrilton	29.6 ft @ 8 PM	30.0 ft	Falling	Crested <b>R</b>	Below Flood
Toad Suck	273.1 ft @ 8 PM	275.0 ft	Falling	Crested <b>R</b>	Below Flood
Little Rock	18.5 ft @ 8 PM	23.0 ft	Falling	Crested	Below Flood
Pine Bluff	44.5 ft @ 8 PM	42.0 ft	Falling	Crested	Moderate
Pendleton	32.8 ft @ 8 PM	31.0 ft	Falling	Crested <b>R</b>	Moderate

**R = Record Crest**

Water levels along the Arkansas River are slowly falling at most locations.

For the latest river stages and forecasts visit:

<https://water.weather.gov/ahps2/index.php?wfo=lzk>



# Today's Weather



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## Forecast Chart

## Forecast Rainfall

**Slight risk of severe storms this afternoon over NE NM and the OK/TX Panhandles; damaging winds and hail are the main threats.**

**Isolated heavy rain / flash flooding possible over the OK/TX Panhandles later today.**

## Severe Weather Outlook

## Excessive Rainfall Outlook

Thursday, June 13, 2019

### Rainfall Outlook

13 2019  
14 2019  
Jun 13 2019  
INA  
/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

**HIGH: > 50%**      **SLGHT: 10%-20%**  
**MDT: 20%-50%**    **MRGL: 5%-10%**

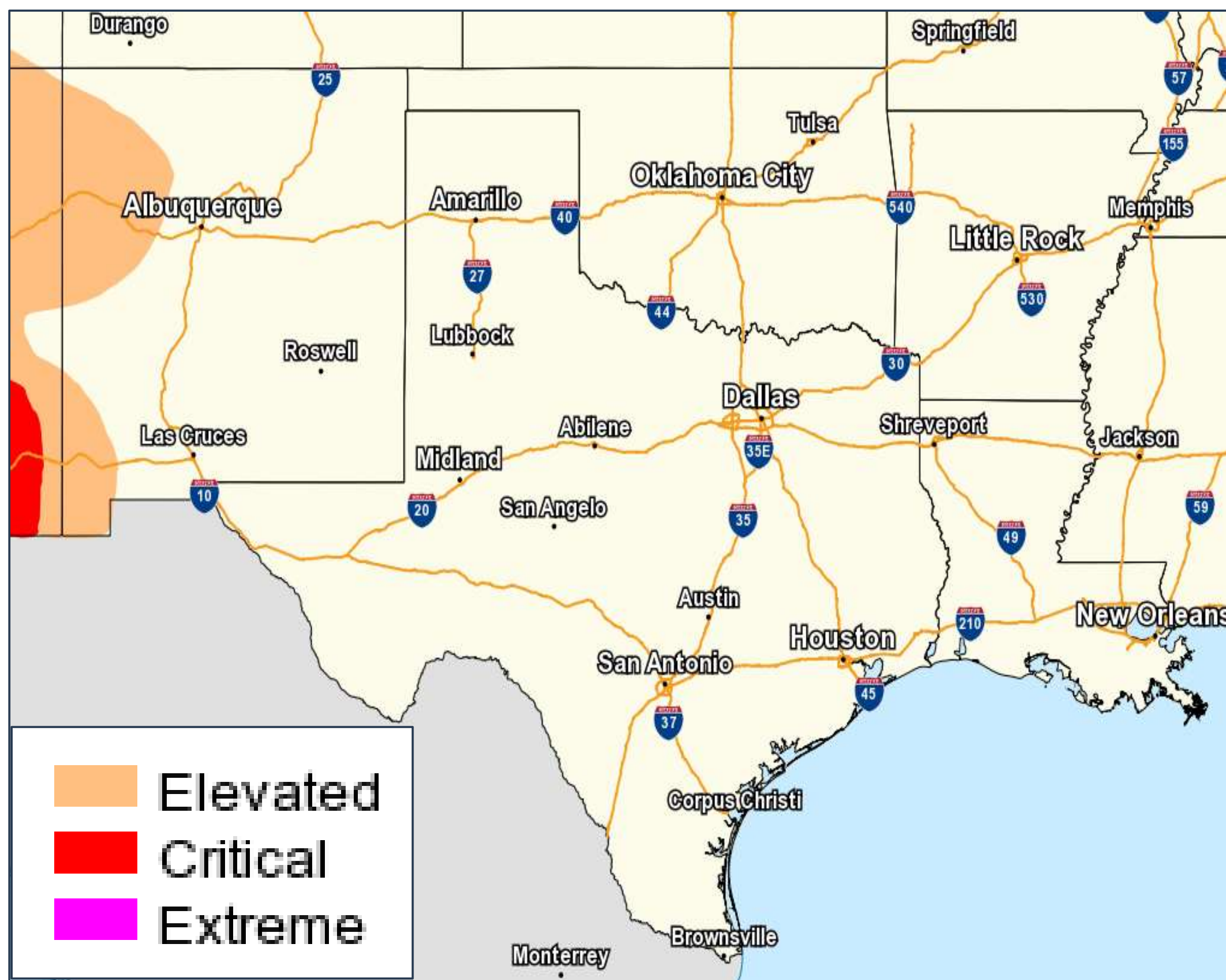


# Fire Weather Outlooks

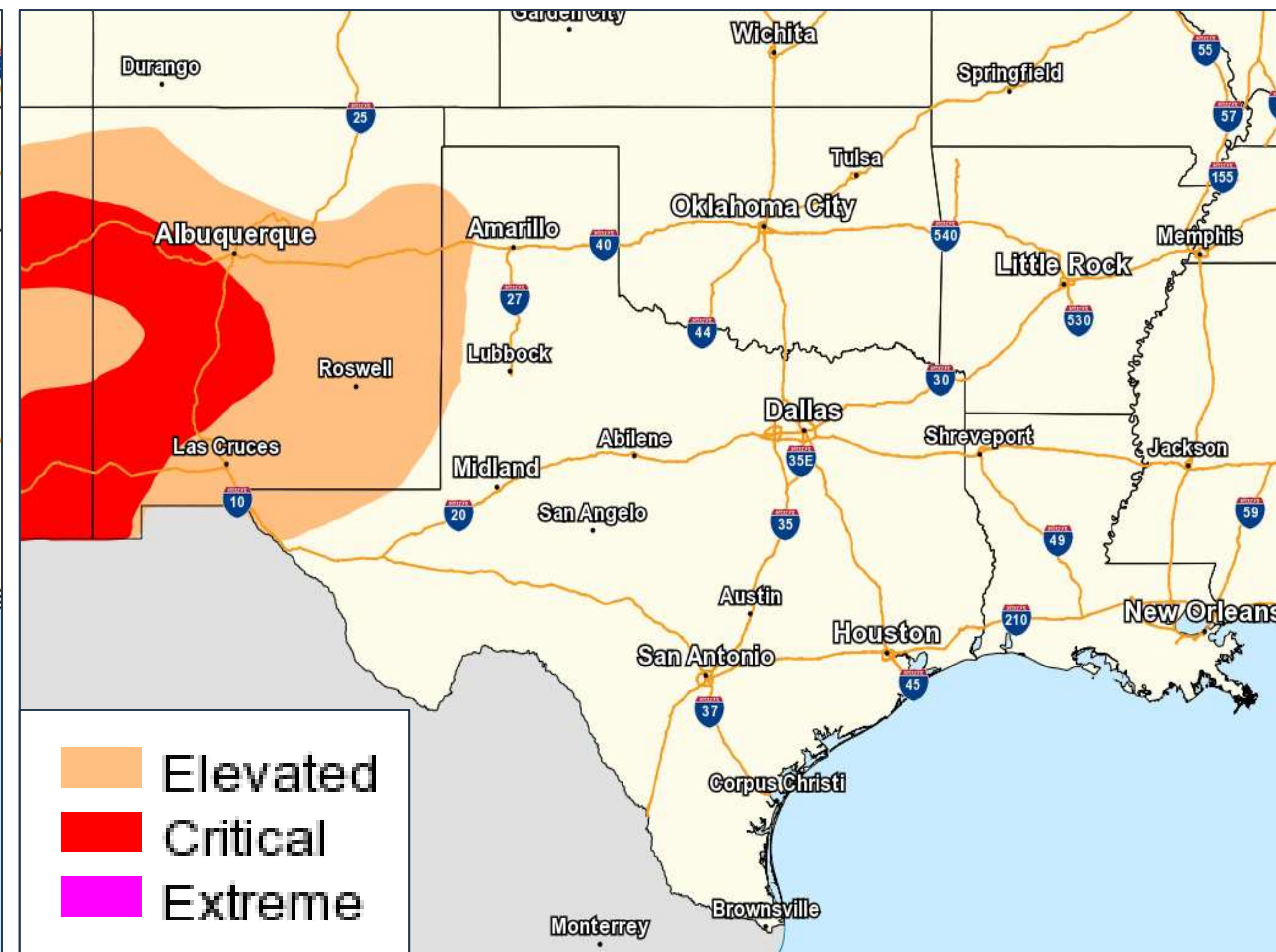


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## Today's Fire Weather Outlook



## Tomorrow's Fire Weather Outlook





# Tomorrow's Weather

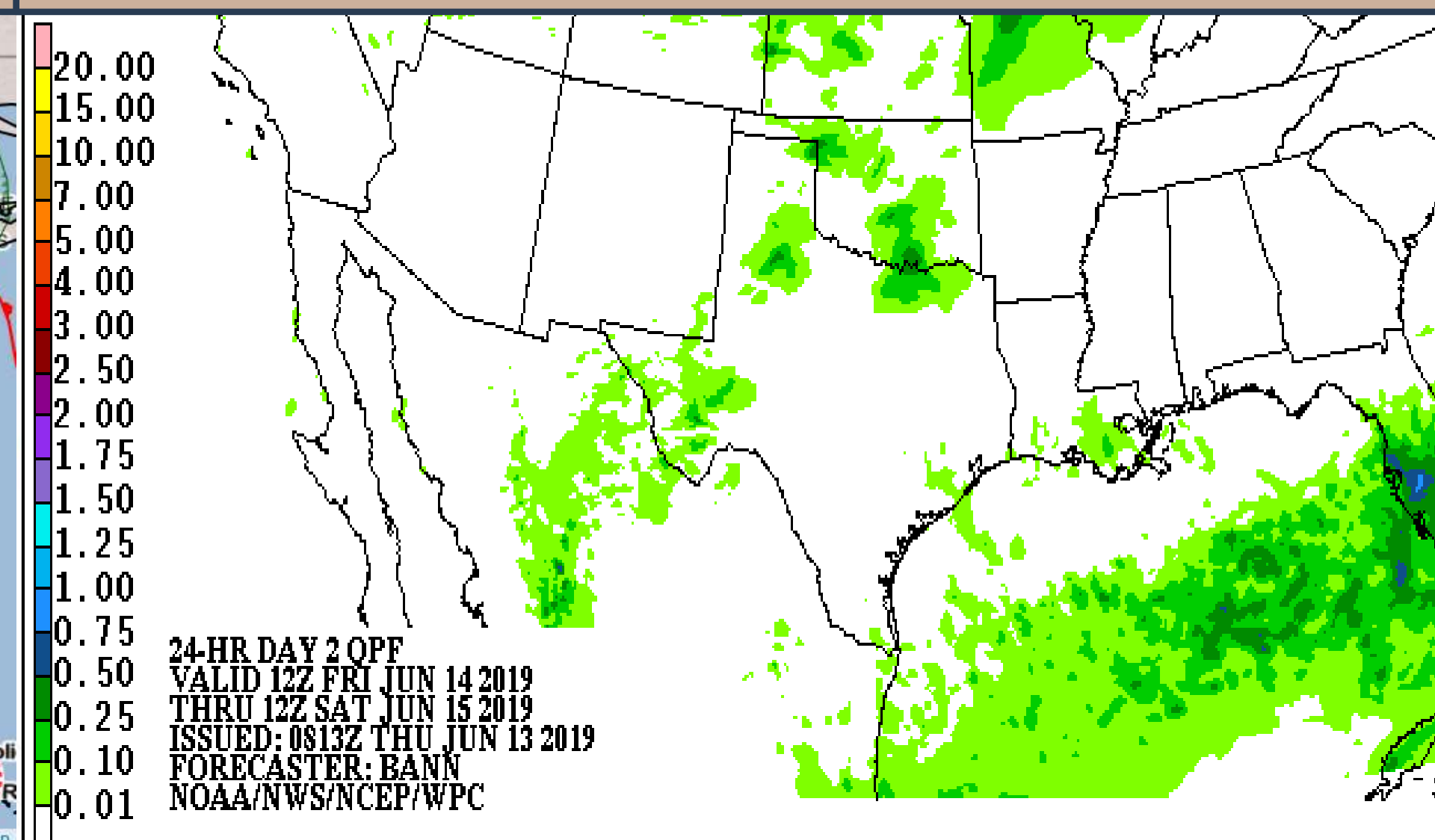
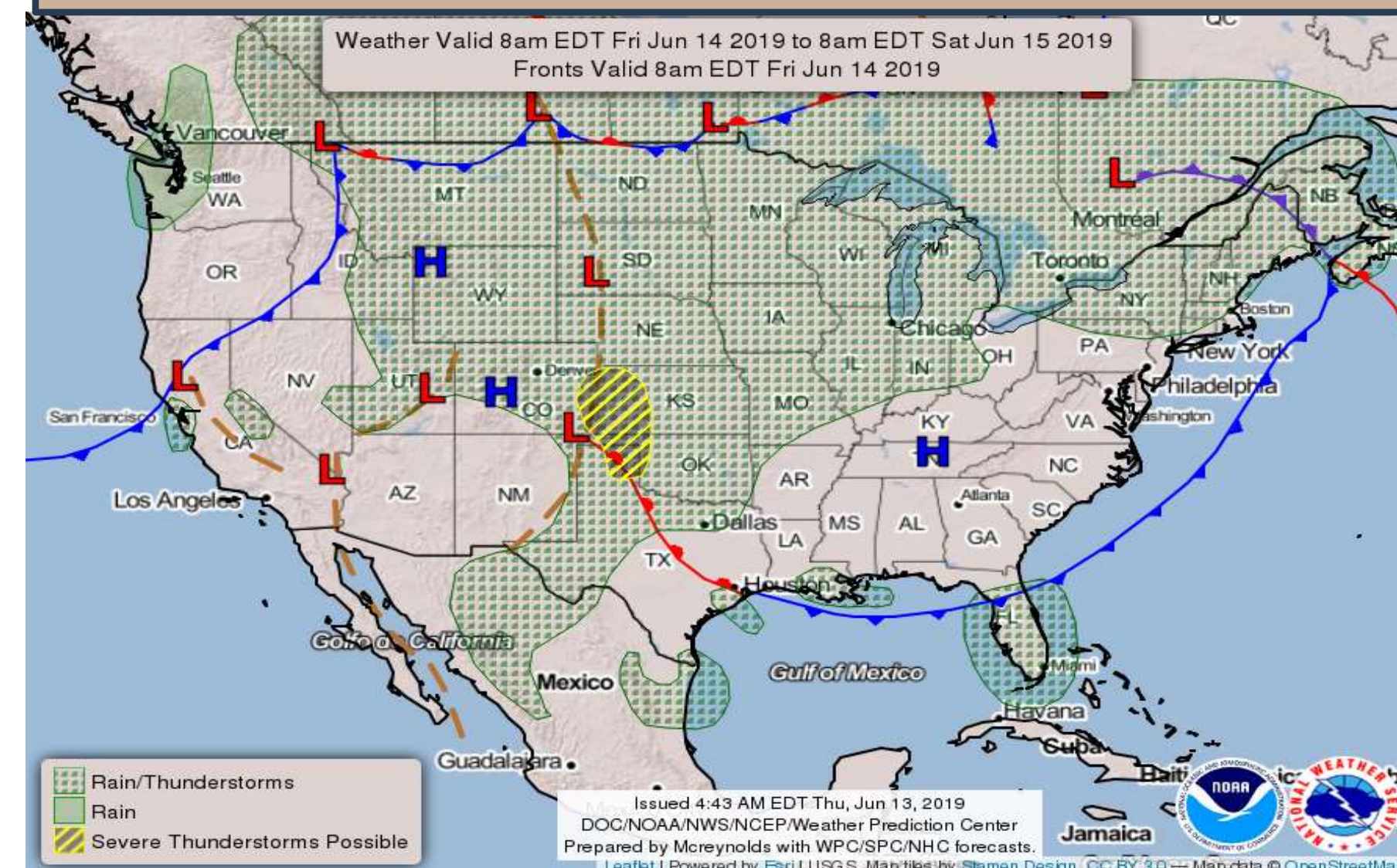


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## Forecast Chart

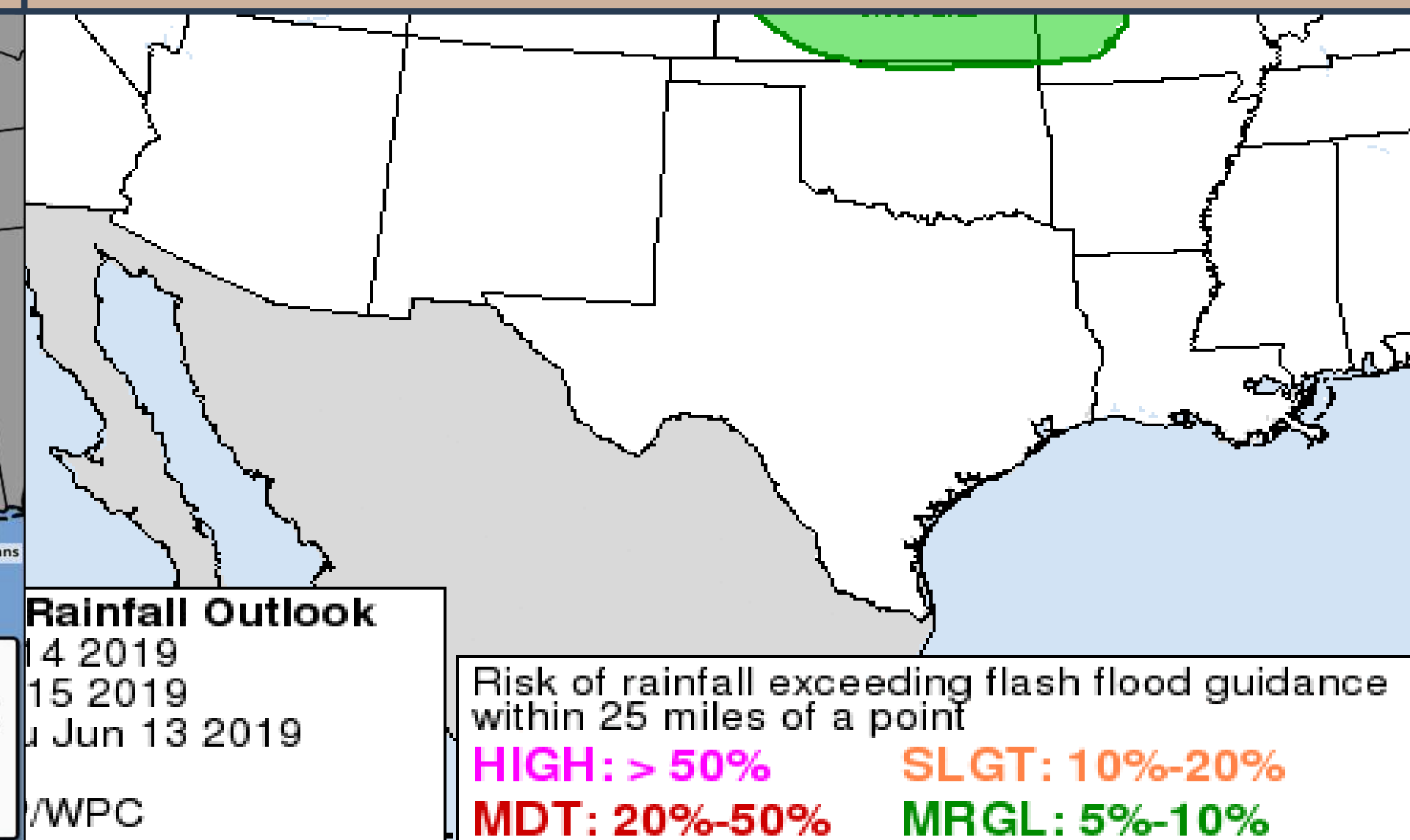
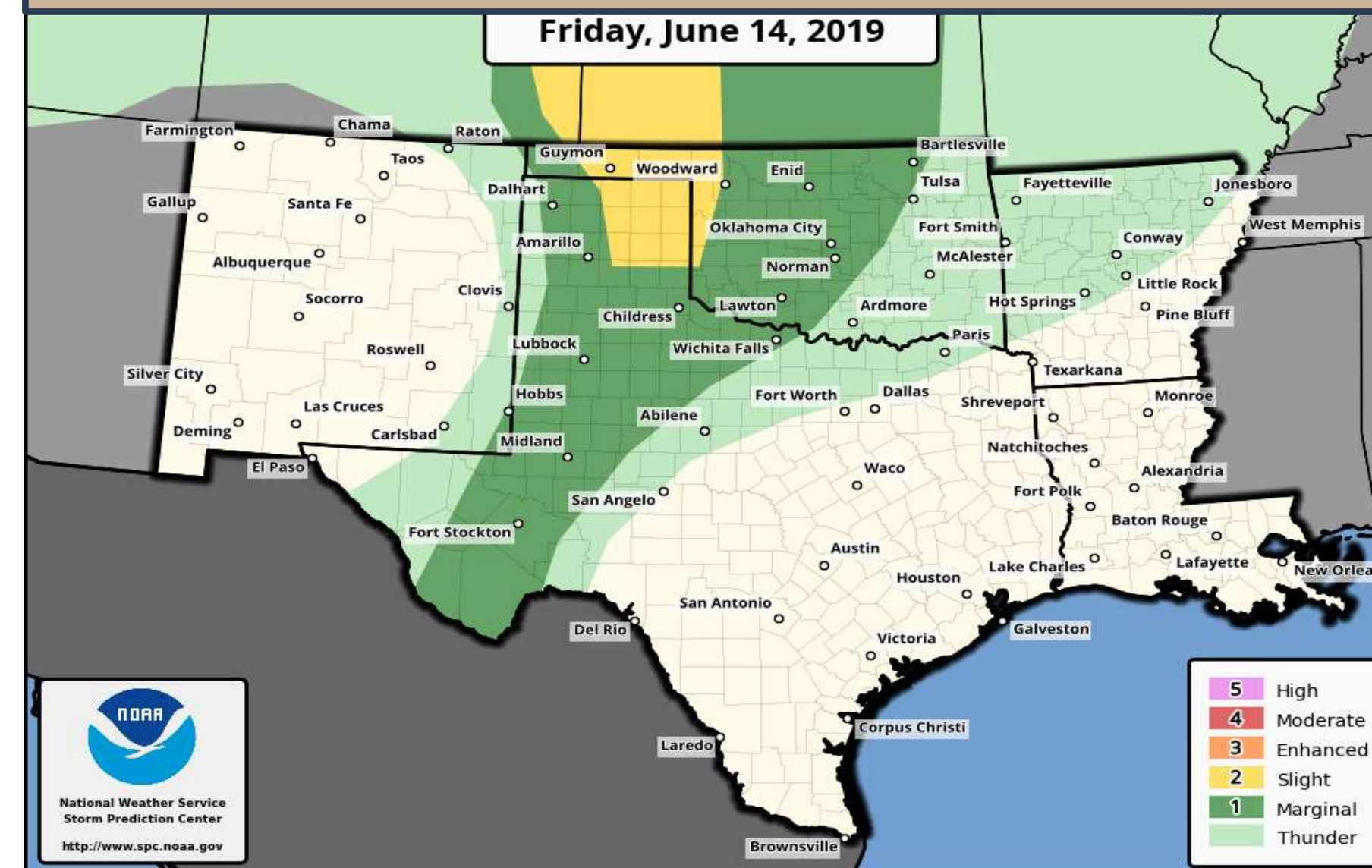
## Forecast Rainfall

**Slight risk of severe storms in the afternoon/evening over the OK/TX Panhandles; damaging winds and hail are the main threats.**



## Severe Weather Outlook

## Excessive Rainfall Outlook





# Saturday's Weather

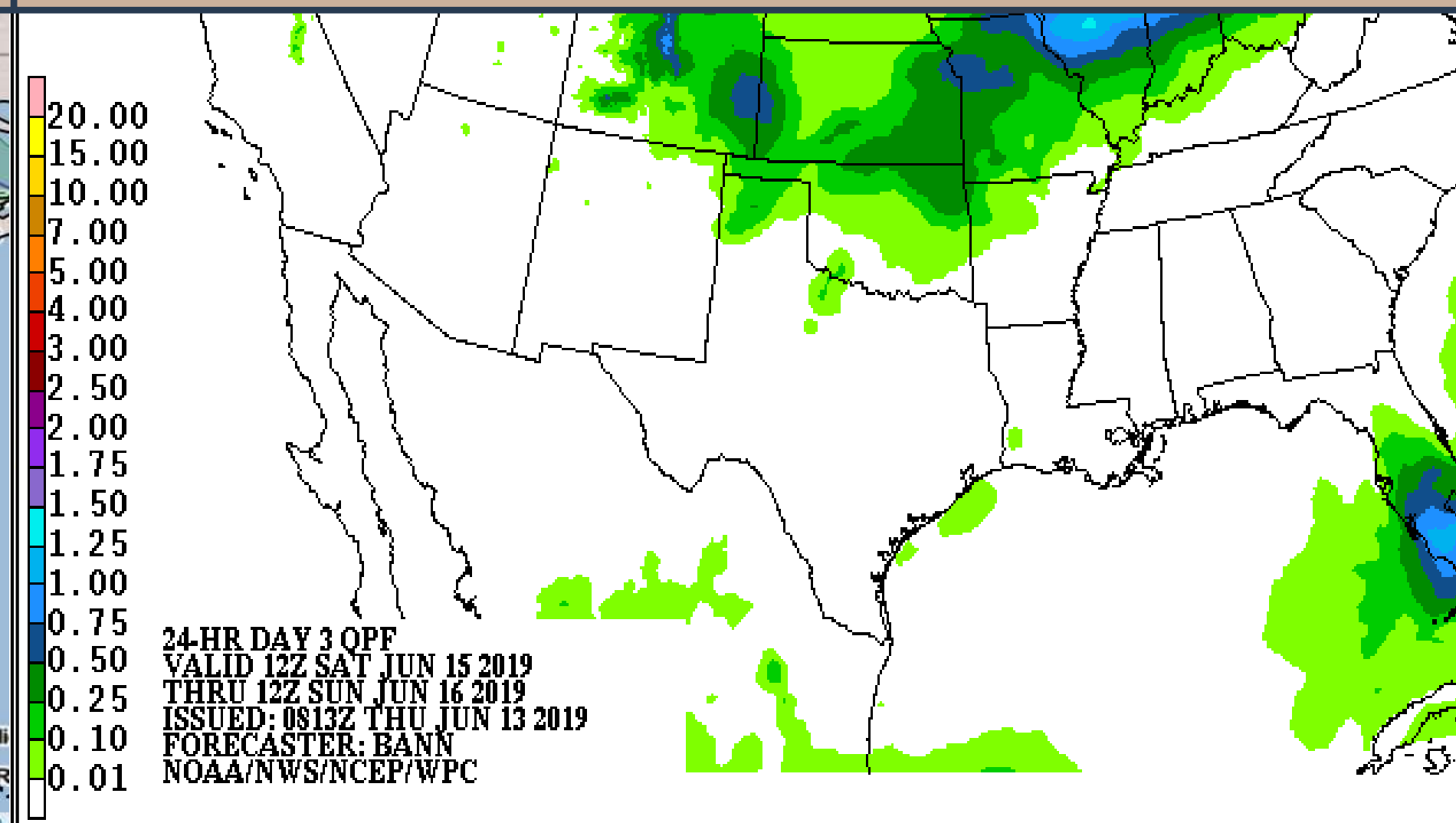
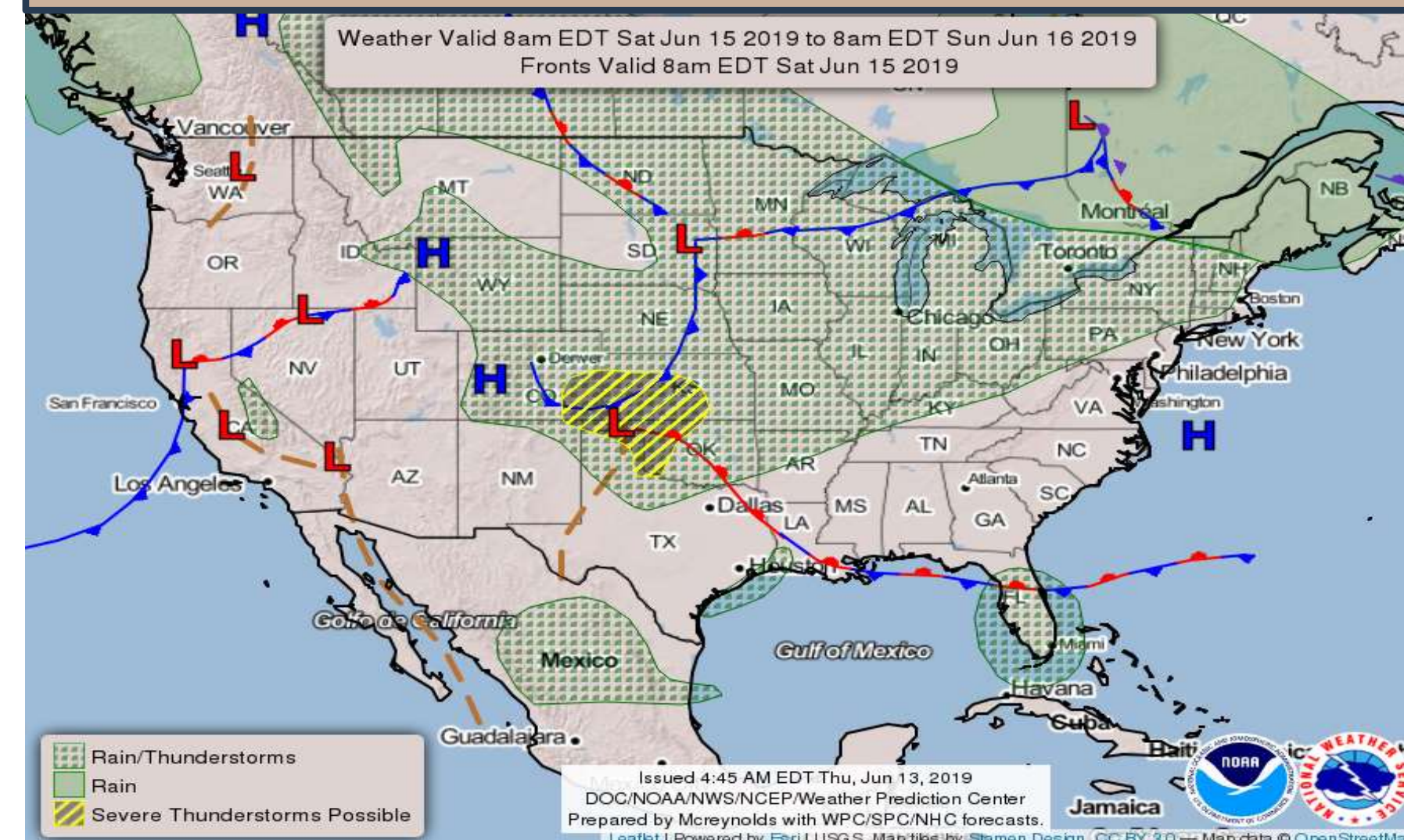


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## Forecast Chart

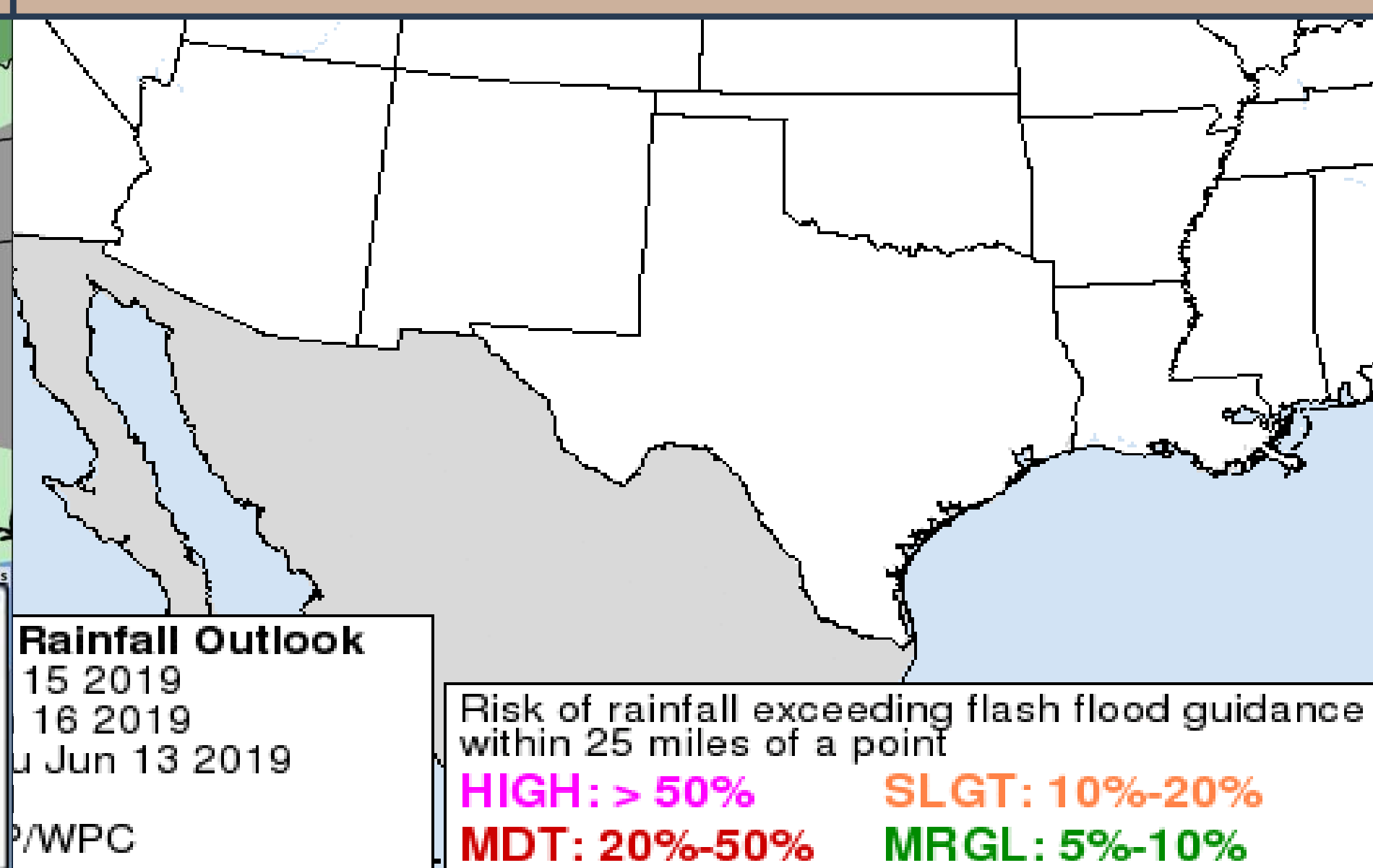
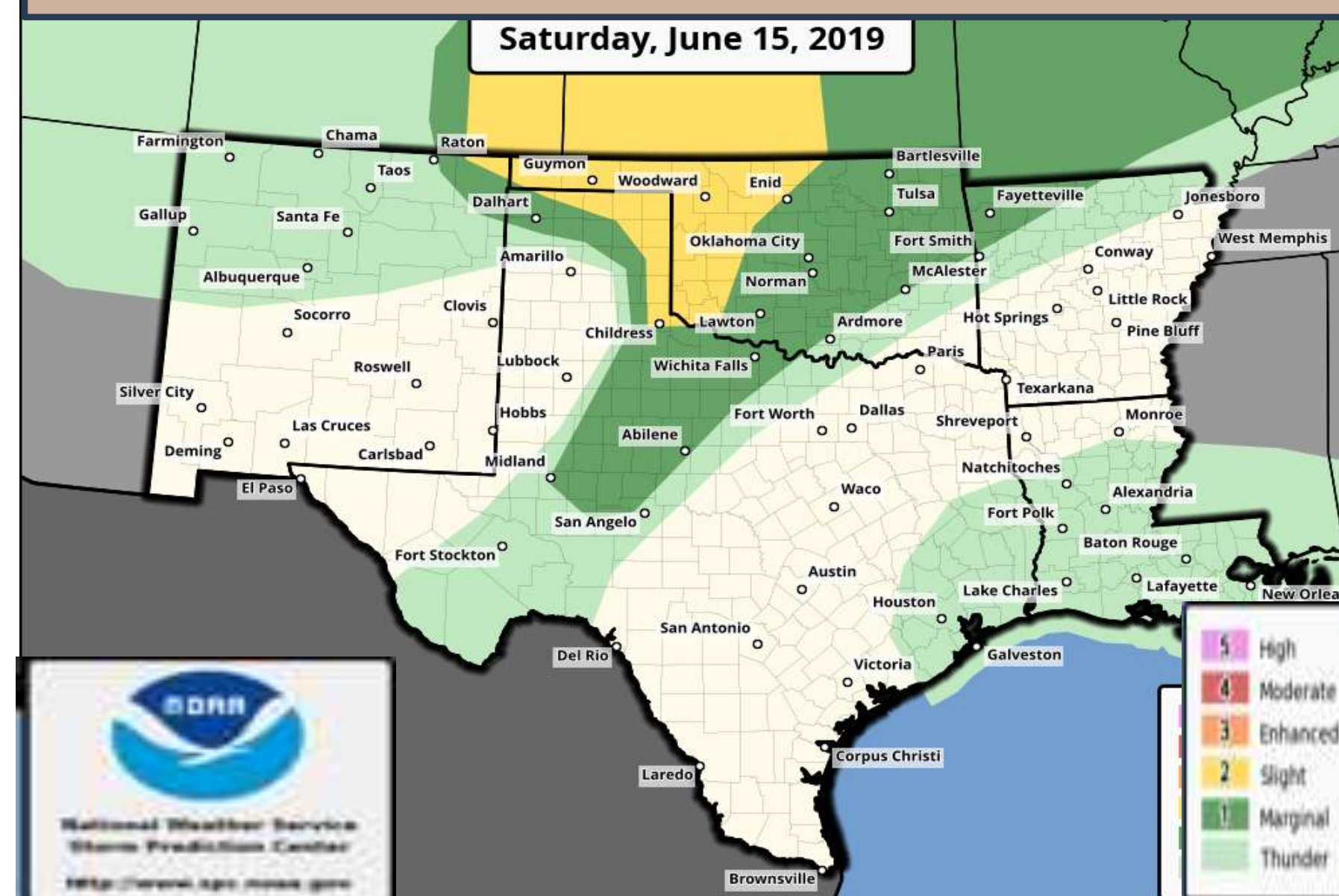
## Forecast Rainfall

**Slight risk of severe storms in the afternoon/evening over the OK/TX Panhandles into WTX; very large hail is the main threat, some damaging winds possible.**



## Severe Weather Outlook

## Excessive Rainfall Outlook



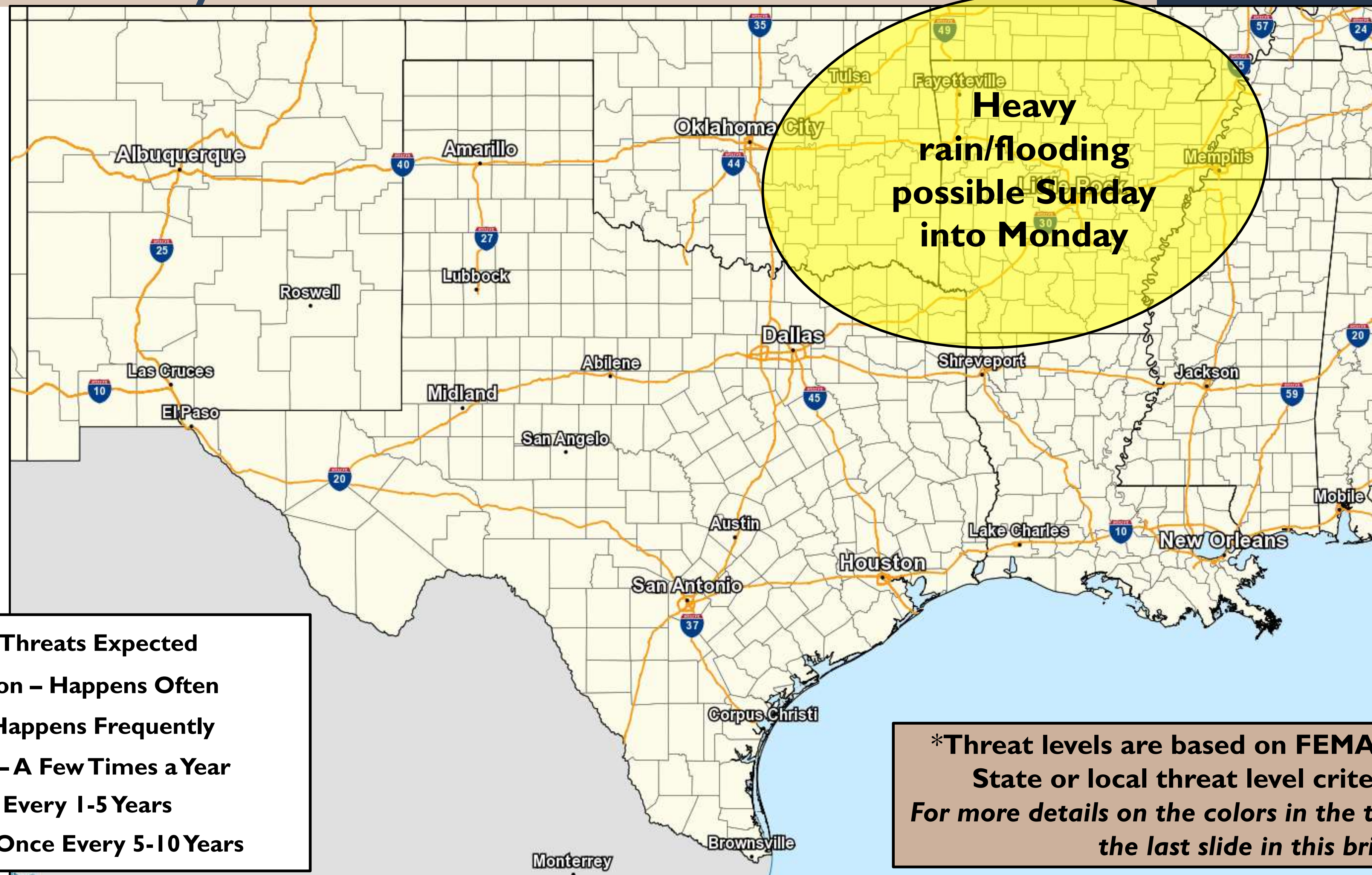


# Days 4-5 Weather Hazards

Sunday – Monday



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State or local threat level criteria may differ.\***  
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

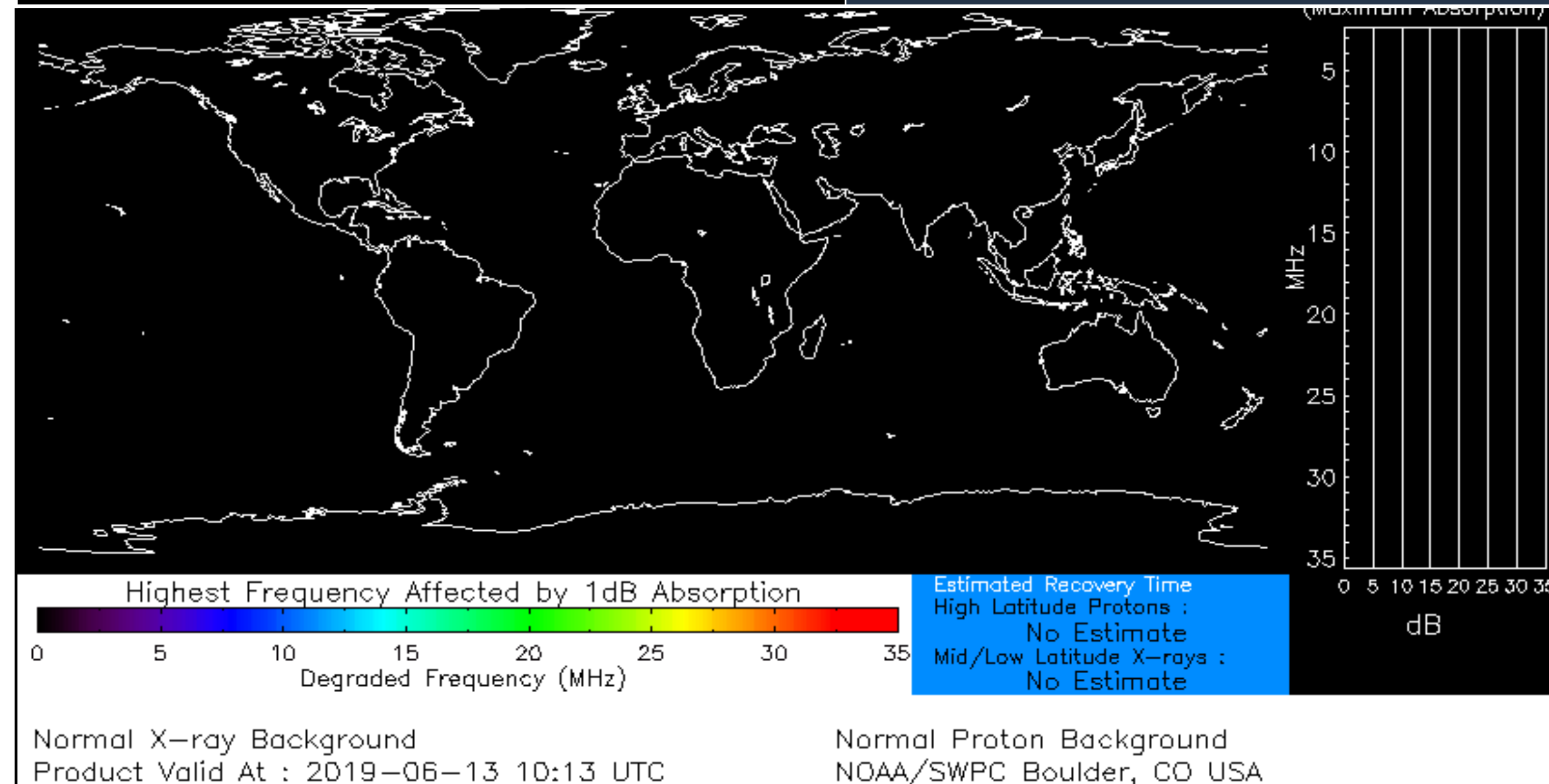


# Space Weather 3-Day Forecast



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	Thursday	Friday	Saturday
<b>Geomagnetic Storms</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**